

Listing of the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

1. (Cancelled)
2. (Cancelled)
3. (Currently Amended) The refuse vehicle of claim 61[[2]] wherein the transmission is a manual transmission.
4. (Currently Amended) The refuse vehicle of claim 61[[1]] further comprising:
a chassis which includes the transmission; and
a body;
wherein the output device pertains to the body of the refuse vehicle.
5. (Currently Amended) The refuse vehicle of claim 61[[1]] wherein the output device receives power from a power takeoff.
6. (Currently Amended) The refuse vehicle of claim 61[[1]] wherein the control system is configured to enable the output device by moving the transmission out of gear when a brake is engaged and the refuse vehicle is not moving faster than a threshold speed.
7. (Original) The refuse vehicle of claim 6 wherein the control system is configured to move the transmission into gear when the brake is disengaged.
- 8-12. (Cancelled)
13. (Currently Amended) The refuse vehicle of claim 61[[1]] wherein the control system further comprises:
a plurality of input devices;
a plurality of output devices; and

a transmission subsystem control system which includes an electronic control unit, the transmission subsystem control system being configured to include transmission status information;

wherein each of the plurality of interface modules is coupled to respective ones of the plurality of input devices and the plurality of output devices;

wherein the transmission status information is communicated from the transmission subsystem control system to at least one of the plurality of interface modules where it is stored;

wherein the plurality of output devices includes the at least one output device.

14-30. (Cancelled)

31. (Currently Amended) ~~[[A]]~~The refuse vehicle of claim 61 comprising:
a control system which comprises:

a plurality of microprocessor based interface modules;

a communication network configured to interconnect the plurality of interface modules; and

at least one output device;

wherein the control system is configured to disable the output device when the transmission refuse vehicle is moving in reverse.

32. (Original) The refuse vehicle of claim 31 wherein the output device receives power from a power takeoff.

33. (Original) The refuse vehicle of claim 31 wherein the output device pertains to a group consisting of a refuse loader, a refuse compactor, a tailgate, and combinations thereof.

34. (Currently Amended) A refuse vehicle comprising:

a control system which comprises:

a plurality of microprocessor based interface modules;

a communication network configured to interconnect the plurality of interface modules; and

at least one output device;

wherein the control system is configured to disable the output device when the refuse vehicle is moving in reverse; and

~~The refuse vehicle of claim 31~~ wherein the control system is configured to disable the output device from being actuated when the vehicle is moving in reverse, the control system being configured to enable, when the vehicle is moving in reverse, the output device to complete an operation initiated when the vehicle was not moving in reverse.

35. (Original) The refuse vehicle of claim 31 further comprising:

a chassis; and

a body;

wherein the output device pertains to the body of the refuse vehicle.

36-45. (Cancelled)

46. (Previously Presented) A refuse vehicle comprising:

a control system comprising:

a plurality of microprocessor based interface modules; and

a communication network configured to interconnect the plurality of interface modules;

wherein the control system is configured to prevent the refuse loader from initiating a refuse handling operation when the vehicle is moving, the control system being configured to allow, when the vehicle is moving, the refuse loader to complete a refuse handling operation initiated when the vehicle was not moving.

47. (Original) The refuse vehicle of claim 46 wherein the refuse handling operation comprises compacting refuse in the refuse vehicle.

48. (Original) The refuse vehicle of claim 46 wherein the refuse handling operation comprises loading refuse in the refuse vehicle.

49-58. (Cancelled)

59. (Currently Amended) ~~[[A]]~~The refuse vehicle of claim 6 comprising:
a transmission; and
a control system which comprises:
a plurality of microprocessor based interface modules;
a communication network configured to interconnect the plurality of interface modules; and
at least one output device;
wherein the control system is configured to disable the output device when the transmission is in gear; and
wherein the control system is configured to enable the output device by moving the transmission out of gear when a brake is engaged and the refuse vehicle is not moving faster than a threshold speed ~~is between~~ ~~[[of]]~~ approximately 2 kilometers per hour to approximately 20 kilometers per hour.

60. (Currently Amended) The refuse vehicle of claim 6~~[[59]]~~ wherein the threshold speed is between approximately 4 kilometers per hour and approximately 8 kilometers per hour.

61. (Previously Presented) A refuse vehicle comprising:
a transmission; and
a control system which comprises:
a plurality of microprocessor based interface modules;
a communication network configured to interconnect the plurality of interface modules; and
at least one output device;
wherein the control system is configured to disable the output device when the transmission is in gear; and
wherein the control system is configured to disable the output device from being actuated when the transmission is in gear, the control system being configured to enable, when the transmission is in gear, the output device to complete an operation initiated when the transmission was not in gear.

62. (Previously Presented) The refuse vehicle of claim 61 wherein the operation comprises compacting refuse in the refuse vehicle.

63. (Previously Presented) The refuse vehicle of claim 61 wherein the operation comprises loading refuse in the refuse vehicle.

64. (Cancelled)

65. (Currently Amended) The refuse vehicle of claim 6[[64]] wherein the threshold speed is approximately 4 kilometers per hour to approximately 10 kilometers per hour.

66-68. (Cancelled)